

Double-sided self-adhesive polyethylene foam tape

Application areas	Double-sided self-adhesive, fine-pored and closed-cell polyethylene foam tape, can be used as: <ul style="list-style-type: none">▪ mounting device or tape for pre-installation of insulating glass units (e.g. window bars) as well as high-quality sealing material▪ in the ventilation, mechanical engineering and apparatus engineering sectors etc.▪ ideal for glass workshops, metal construction, handicraft, construction and industry
Product benefits	<ul style="list-style-type: none">▪ high ageing resistance▪ practically rot-proof▪ chemically neutral▪ meets the requirements of VDI 6022(1):2013 for air conditioning systems▪ does not migrate into the neighbouring substrate and is ideal for subsequent sealing with silicone, hybrid and other sealants
Base	Foam: PE-foam, closed-cell, with smooth surface, insensitive to moisture Adhesive: acrylate dispersion, solvent-free, not permanently moisture-resistant Protective film : siliconised LDPE film
Restrictions	Not suitable for weight loads. For this purpose we recommend Wisafix-plus sealing tapes.
Processing	The substrate must be sound, dry and free of dust and grease. Stick the adhesive tape precisely onto the substrate, remove the protective film and fix the second part to be joined onto the tape with sufficient pressure.
Density	ca. 27 - 35 kg/m ³ (acc. to ISO 845)
Compression hardness	ca. 45 kPa resp. 4.5 N/cm ² at 25 % compression (acc. to ISO 3386-1) ca. 110 kPa resp. 11 N/cm ² at 50 % compression (acc. to ISO 3386-1)
Shore 00 hardness	ca. 50
Compression set residue	ca. 20 % acc. to 30 min (acc. to ISO 1856-C, 25 %) ca. 10 % acc. to 24 h (acc. to ISO 1856-C, 25 %)
Thermal conductivity coefficient λ	0.034 W/mK at 10 °C 0.039 W/mK at 40 °C
Water absorption	<0.8 % in volume (acc. to DIN 53428)
Breaking elongation	ca. 120 % (lengthwise), (acc. to ISO 1926)
Temperature resistance	from -60 °C up to +100 °C (foam) from -40 °C up to +100 °C (adhesive)

UV resistance Foam: very good
 Adhesive: largely resistant

Chemical resistance Resistant to: salt water, Natronlauge, hydrochloric acid 10 %, sulphuric acid 30 %
 Limited resistant to: chlorinated solvents, fuel oil

Further information



More information about this product (current technical data sheet, safety data sheet, certificates, product variants, etc.) can be found via the adjacent QR code.

Colours **white or anthracite (black)**

Standard stock dimensions

Item no. white	Item no. anthracite	Thickness	Width	PU
SB 8112.0309.10	SB 8117.0309.10	3 mm	9 mm	33 x 10 m = 330 m
SB 8112.0312.10	SB 8117.0312.10	3 mm	12 mm	25 x 10 m = 250 m
SB 8112.0409.10	SB 8117.0409.10	4 mm	9 mm	33 x 10 m = 330 m
SB 8112.0412.10	SB 8117.0412.10	4 mm	12 mm	25 x 10 m = 250 m
	SB 8117.0509.10	5 mm	9 mm	33 x 10 m = 330 m
SB 8112.0512.10	SB 8117.0512.10	5 mm	12 mm	25 x 10 m = 250 m
	SB 8117.0609.10	6 mm	9 mm	33 x 10 m = 330 m
	SB 8117.0612.10	6 mm	12 mm	25 x 10 m = 250 m

Minimum order quantity: shrink-wrapped packaging film in 5 rolls

Special dimensions

All technically feasible widths from 6 to 1000 mm in the following thicknesses are available from 3 packing units (PU): 2, 3, 4, 5, 6, 8 and 10 mm (1 mm see Wisafix-plus **white**).

Shelf life

In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C, the official shelf life is 24 months from date of production.

Observe: All information is based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. In addition, we refer to our terms and conditions of sale, delivery and payment, available at www.wisabax.ch/agb.html. © Wisabax AG - This technical data sheet replaces all older versions.

Have you noticed an unclear formulation or an error? Thank you for your feedback. In case of doubt, the German version of the technical data sheet applies.